

ABSTRACT OF THE DISCLOSURE

The invention relates to a manufacturing facility comprising a building structure which encloses working space of the manufacturing facility, the building structure being designed to house a cyclotron and to be transportable by truck or rail to a destination site, wherein the manufacturing facility, except for lacking a cyclotron during transport, is substantially equipped during transport to produce and package a radiopharmaceutical. The invention also relates to a method of providing a manufacturing facility for producing a radioactive material, the method comprising the steps of designing the manufacturing facility to receive a cyclotron; equipping the manufacturing facility with a synthesis unit which is designed to receive a first radioactive material from the cyclotron and to produce a second radioactive material; transporting the manufacturing facility to a site; transporting the cyclotron to the site; and enclosing the cyclotron inside the manufacturing facility. The manufacturing facility may be relocated to another site without substantial effort.